(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 10 March 2005 (10.03.2005)

PCT

(10) International Publication Number WO 2005/021057 A1

(51) International Patent Classification7:

A61L 15/46

(21) International Application Number:

PCT/GB2004/003686

(22) International Filing Date: 27 August 2004 (27.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0320299.1

29 August 2003 (29.08.2003)

- (71) Applicant (for all designated States except US): ETHICON, INC. [US/US]; U.S. Route 22, Somerville, NJ 08876 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SILCOCK, Derek [GB/GB]; 2 Ash Grove, Skipton, North Yorkshire BD23 1QP (GB). LATIF, Aisha [GB/GB]; 50 Sufton Street, Birkby, Huddersfield HD2 2TD (GB).
- (74) Agents: JAMES, Anthony, Christopher, W., P. et al.; Carpmaels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPREGNATED CHARCOAL CLOTH AS WOUND DRESSING

(57) Abstract: A wound dressing material comprising a charcoal cloth wherein the charcoal is coated with a substantially water-insoluble polymer. Also provided are wound dressings comprising such materials, and methods of preparing such materials comprising the steps of impregnating a charcoal cloth with a dispersion of a polymer precursor in a solvent, followed by drying the charcoal cloth to leave a coating of the water-insoluble polymer on the charcoal cloth